



8-24-00

2734

IN THE US PATENT AND TM OFFICE

Appn. Number: 09/393,431

Filing Date: 09/10/99

Applicant: Shattil, Steve

Appn. Title: Frequency-Shifted Feedback Cavity Used as a Phased Array Antenna Controller and Carrier Interference Multiple Access Spread-Spectrum Transmitter

Examiner: Phan, D

TC 2700 MAIL ROOM

AUG 28 2000

Mailed 2000, August 28
Boulder, CO 80303

#41B
L. McLaughlin
8-31-00
RECEIVED

AMENDMENT

Commissioner of Patents and Trademarks
Washington, District of Columbia 20231

Sir:

Applicant respectfully requests that the above application be amended as follows:

SPECIFICATION

N.E. Page 19, line 20, change "electromagnetics" to "—electromagnetic—".

N.E. Page 22, line 26, change "optical-toRF" to "—optical-to-RF—".

CLAIMS

Please Add the following claims 21 to 33:

21. An apparatus enabled to transmit at least one carrier signal occupying at least one predetermined frequency band, the apparatus including:
a multicarrier-signal generator capable of receiving an information-modulated electromagnetic signal and generating an electromagnetic information-modulated multicarrier signal therefrom, the information-modulated multicarrier signal having a plurality of information-modulated frequency modes, and
a carrier-frequency selector coupled to the multicarrier-signal generator, the selector capable of isolating at least one of the information-modulated frequency modes.

22. An apparatus capable of providing frequency selection of a multicarrier transmission signal including:
a multicarrier-signal generator capable of receiving an electromagnetic seed signal and generating an information-modulated multicarrier signal, the multicarrier signal having a plurality of frequency modes, and

B1
Cont.

08/25/2000 00000002 09393431
01 FC:202
02 FC:203
507.00 00
117.00 00